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CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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Information Subject:

SUBJECT Svir III Power Plant near Svirstroi

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THIS IS UNEVALUATED INFORMATION

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1. The "Svir III" power plant near Svirstroy (60°40'N/33°44'E), Leningrad Oblast, is a square concrete building with a flat roof. Measuring 250 x 45 x 30 meters, it is equipped with three large Soviet turbines and three small ones which, according to a Soviet engineer, were delivered by the USA, Sweden and Germany. There is space for the installation of more turbines. The power plant has two transformer stations, one 6<sup>th</sup> them located just by the main building, the other one south of the main. A 200,000-Volt line suspended from steel towers and a 30,000-Volt line on wooden poles led from the power plant toward Leningrad.
2. The weir was 300 meters long and had six towers and six mechanically operated flood gates. A German bridge crane with a hoisting capacity of 65 tons was also available. At the weir the water had a crest of 12 meters. A semi-circular concrete dam which is 1.5 meters wide at the crest was built from the northwestern corner of the power plant to the lock. Water outlet pipes are installed in this dam.
3. The lock is 120 meters long and 20 meters wide. Each of the four halves of the lock gates is operated from a special engine house. Three administrative and maintenance buildings are located on the bank of the lock. The railroad track to the power plant crosses a swing bridge 20 meters long and 6 meters wide. This bridge is draw span revolving upon turntables on the shore. \*

25X1\* [ ] Comment. See Annex for sketch map of the area around the power plant. The "Svir III" power plant is located on the southern bank of the Svir River, east of Lodeinoe Pole. It is entered on the German 1:300,000 map. As to the number of turbines, this report is at variance with a previous report where three to five turbines were mentioned by three different sources. See

25X1 [ ] However, it may be possible that further turbines were installed between 1946 and October 1949 since the period of observation covered in the present report extends one year beyond that of the earlier report. Further information is required on the capacity of the power plant. In all other points, the present report confirms and supplements the earlier report which furnished the first postwar information on this power plant.

1 Annex Layout sketch of "Svir III" Power Plant. 25X1

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